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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/731,651	12/07/2000	Jerry Walter Malcolm	AUS9-2000-0655-US1	9971
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IBM CORP (YA) C/O YEE & ASSOCIATES PC P.O. BOX 802333 DALLAS, TX 75380			EXAMINER STORK, KYLE R	
			ART UNIT 2178	PAPER NUMBER
			NOTIFICATION DATE 05/13/2009	DELIVERY MODE ELECTRONIC

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

ptonotifs@yeciipaw.com

Office Action Summary

Application No.

09/731,651

Applicant(s)

MALCOLM ET AL.

Examiner

KYLE R. STORK

Art Unit

2178

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 13 April 2009.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 31-33 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 31-33 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☐ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date: _____
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date: _____
- 5) ☐ Notice of Informal Patent Application
- 6) ☐ Other: _____

DETAILED ACTION

1. This final office action is in response to the amendment filed 13 April 2009.
2. Claims 31-33 are pending. Claim 33 is newly added. Claims 31 and 33 are independent claims.

Claim Rejections - 35 USC § 103

3. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

4. This application currently names joint inventors. In considering patentability of the claims under 35 U.S.C. 103(a), the examiner presumes that the subject matter of the various claims was commonly owned at the time any inventions covered therein were made absent any evidence to the contrary. Applicant is advised of the obligation under 37 CFR 1.56 to point out the inventor and invention dates of each claim that was not commonly owned at the time a later invention was made in order for the examiner to consider the applicability of 35 U.S.C. 103(c) and potential 35 U.S.C. 102(e), (f) or (g) prior art under 35 U.S.C. 103(a).
5. Claim 31 remains rejected and claim 33 is rejected under 35 U.S.C. 103(a) as being unpatentable over Maxwell et al. (US 6589290, filed 29 October 1999, hereafter

Maxwell), and further in view of Pennell et al. (US 6910179, filed 9 November 1999, hereafter Pennell).

As per independent claim 31, Maxwell discloses a computer implemented method for automatically inserting a plurality of data into a standard compliant form to create a completed form comprising:

establishing a standard by defining a plurality of fields in a protocol extension to be used for construction of a plurality of standard compliant forms and for construction of a standard compliant data store (column 10, line 9- column 11, line 44: Here, the creation of a graphical representation of the dataset establishes a standard compliant data store. This data store may be used to populate standard compliant forms, such as forms that provide a data receptacle)

responsive to defining the plurality of fields, constructing the plurality of standard compliant forms and the standard compliant data store (column 12, lines 51-63)

at a first computer, transmitting the standard compliant form to the second computer over a network (column 12, lines 19-50)

at the second computer, responsive only to receipt of the standard compliant form, completing the standard compliant form (column 13, line 29- column 15, line 32)

wherein, upon receipt of the standard compliant form, a processor of the second computer invokes the standard complaint form and the data store and causes the standard compliant form to extract the plurality of data from the standard compliant data store to fill in all the fields in the standard compliant form (column 13, line 29- column 14, line 18)

Maxwell fails to specifically disclose storing data within a database. However, Pennell discloses storing form filling data in a database (column 2, line 61- column 3, line 6). It would have been obvious to one of ordinary skill in the art at the time of the applicant's invention to have combined Pennell with Maxwell, since it would have allowed a user an organized method for storing user data.

Maxwell further fails to specifically disclose wherein the standard compliant form is completed without searching for a template file that resembles the standard compliant form and wherein the standard compliant form does not have to be found in the template file and have a description associated with a regular expression and have a list of controls. However, Pennell discloses wherein the standard compliant form is completed without searching for a template file that resembles the standard compliant form and wherein the standard compliant form does not have to be found in the template file and have a description associated with a regular expression and have a list of controls (column 3, lines 7-34: Here, a user is presented with a form to be filled. The presented form is analyzed in order to identify fields for which data is stored and available within the user database. The corresponding fields are then presented to the user in order to allow him/her to fill the form). It would have been obvious to one of ordinary skill in the art at the time of the applicant's invention to have combined Pennell with Maxwell, since it would have allowed a user to tailor a form filling structure to the received form.

As per independent claim 33, Maxwell discloses a computer implemented method for automatically inserting a plurality of data into a standard compliant form to create a completed form comprising:

creating a standard for automated filed values from a standard compliant data store to at least one of a plurality of standard compliant forms by defining a plurality of predefined data entry fields in a protocol extension (column 10, line 9- column 11, line 44: Here, the creation of a graphical representation of the dataset establishes a standard compliant data store. This data store may be used to populate standard compliant forms, such as forms that provide a data receptacle)

constructing a standard compliant form of the plurality of standard compliant forms at a first computer in accordance with the standard, wherein the standard compliant form comprises at least one predefined data entry field of the plurality of data entry fields (column 12, lines 51-63; column 12, lines 19-50)

constructing the standard compliant data store at the second computer, the standard compliant data store comprising a plurality of entered data fields that correspond to at least one of the plurality of predefined data entry fields (column 13, line 29- column 15, line 32)

responsive to receiving the standard compliant form at the second computer, completing the standard complaint form at the second computer by performing the steps consisting of:

extracting the plurality of entered data fields from the standard compliant data store(column 13, line 29- column 14, line 18)

Maxwell fails to specifically disclose storing data within a database. However, Pennell discloses storing form filling data in a database (column 2, line 61- column 3, line 6). It would have been obvious to one of ordinary skill in the art at the time of the applicant's invention to have combined Pennell with Maxwell, since it would have allowed a user an organized method for storing user data.

Maxwell further fails to specifically disclose filling in only the predefined data entry fields in the standard compliant form that correspond to the plurality of entered data fields. However, Pennell discloses filling in only the predefined data entry fields in the standard compliant form that correspond to the plurality of entered data fields (column 3, lines 7-34: Here, a user is presented with a form to be filled. The presented form is analyzed in order to identify fields for which data is stored and available within the user database. The corresponding fields are then presented to the user in order to allow him/her to fill the form). It would have been obvious to one of ordinary skill in the art at the time of the applicant's invention to have combined Pennell with Maxwell, since it would have allowed a user to tailor a form filling structure to the received form.

6. Claim 32 remains rejected under 35 U.S.C. 103(a) as being unpatentable over Maxwell and Pennell, and further in view of Bertram et al. (US 5805159, patented 8 September 1998).

As per dependent claim 32, Maxwell and Pennell disclose the limitations similar to those in claim 31, and the same rejection is incorporated herein. Maxwell further discloses creating, a set of rules responsive to a flag included in the standard compliant

form (column 12, line 51- column 13, line 28: Here, the data type required to fill a field acts as a flag. The data type indicates the appropriate data to use in order to fill a field), and another set of rules to make a decision when a conflict arises among one or more of the plurality of data (column 12, lines 51- column 13, line 28: Here, the conflict is resolved by placing the data having the appropriate data type into the form receptacle). Maxwell fails to specifically disclose a set of rules for combining the standard compliant form with the standard compliant database by applying a first set of rules for default values. However, Bertram discloses a set of rules for combining the standard compliant form with the standard compliant database by applying a first set of rules for default values (Abstract). It would have been obvious to one of ordinary skill in the art at the time of the applicant's invention to have combined Bertram with Maxwell, since it would have provided a user with a set of default values to populate a form.

Response to Arguments

7. Applicant's arguments filed 13 April 2009 have been fully considered but they are not persuasive.

The applicant's argue that the prior art fails to disclose wherein the standard compliant form is completed without searching for a template file that resembles the standard compliant form and wherein the standard compliant form does not have to be found in the template file and have a description associated with a regular expression and have a list of controls (pages 5-6). However, the examiner respectfully disagrees. Pennell discloses wherein the standard compliant form is completed without searching

for a template file that resembles the standard compliant form and wherein the standard compliant form does not have to be found in the template file and have a description associated with a regular expression and have a list of controls (column 3, lines 7-34: Here, a user is presented with a form to be filled. The presented form is analyzed in order to identify fields for which data is stored and available within the user database. The corresponding fields are then presented to the user in order to allow him/her to fill the form). Therefore, this argument is not persuasive.

Conclusion

8. **THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to KYLE R. STORK whose telephone number is (571)272-4130. The examiner can normally be reached on Monday-Friday (8:00-4:30).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Stephen Hong can be reached on (571) 272-4124. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Kyle Stork/

Kyle R Stork
Primary Examiner
Art Unit 2178

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